

FIG. 1
PRIOR ART

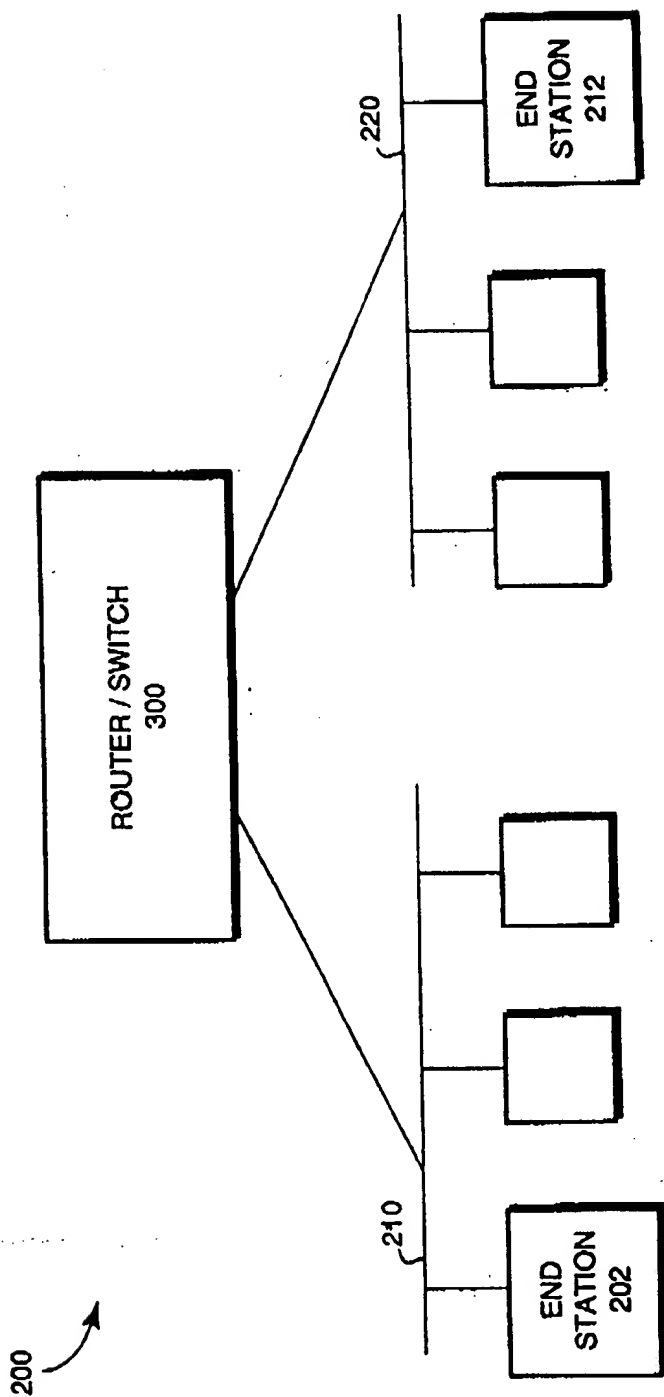


FIG. 2

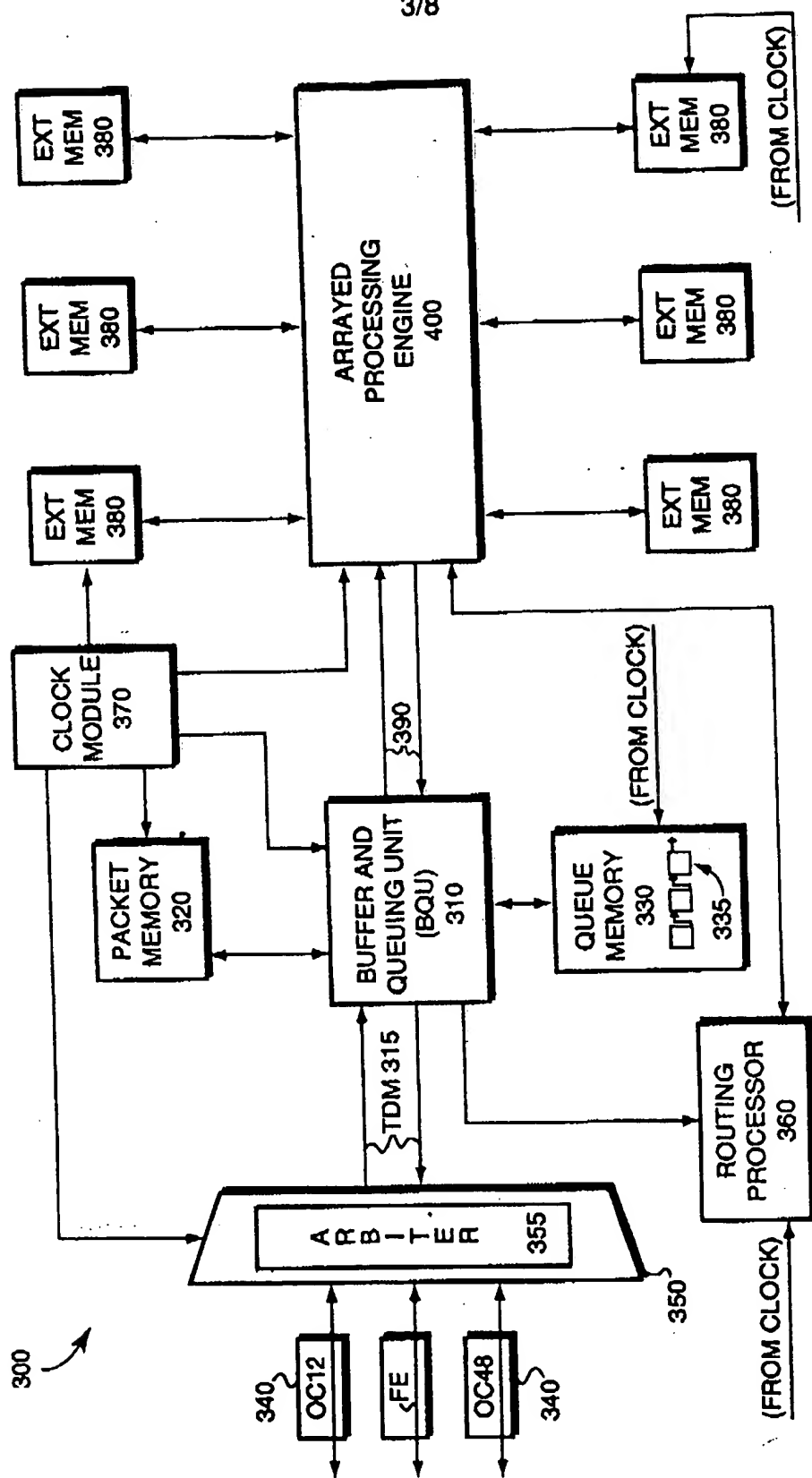
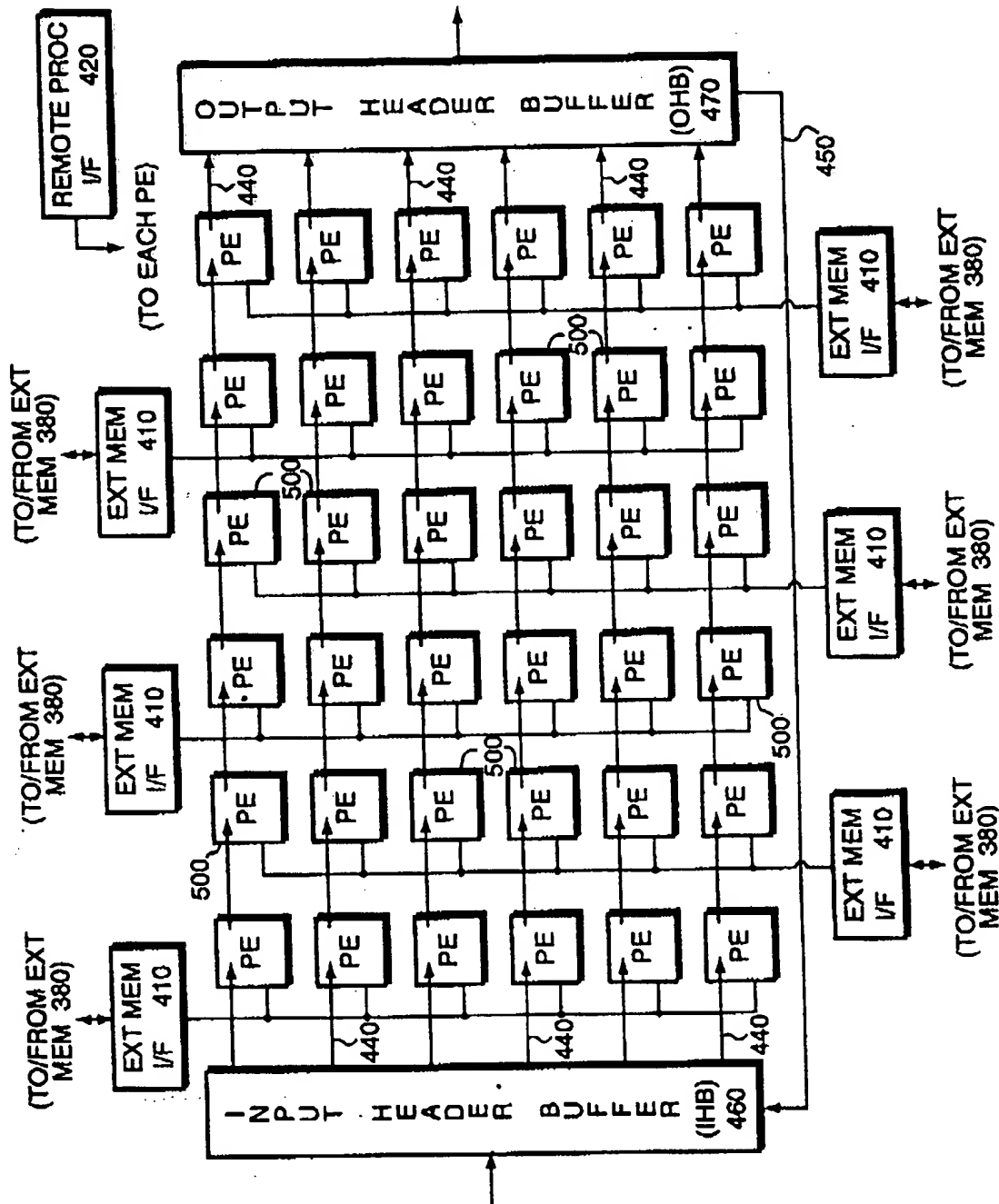


FIG. 3



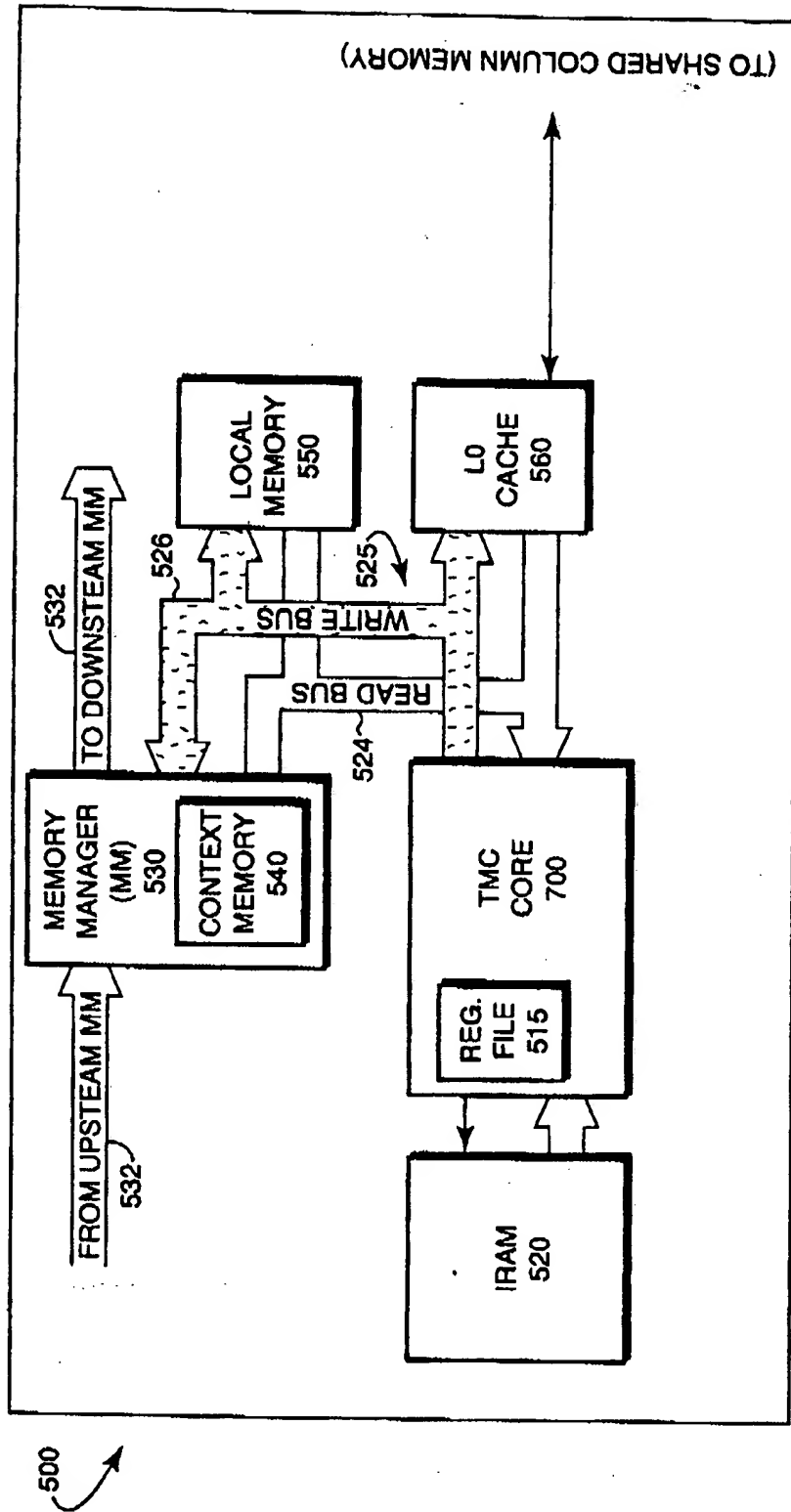


FIG. 5

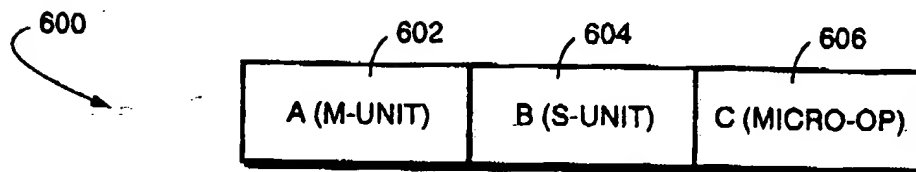


FIG. 6

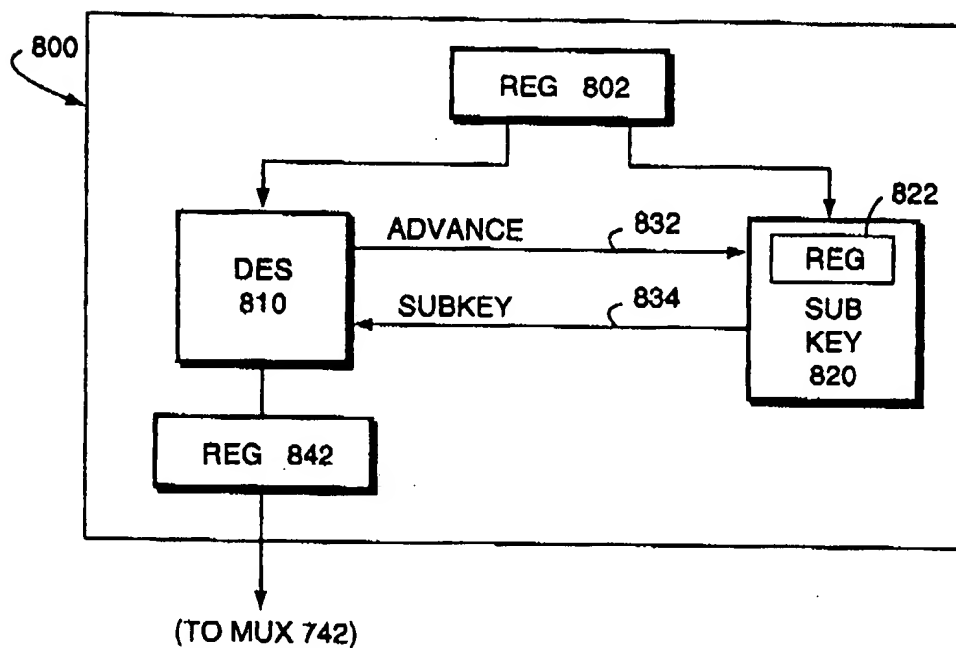


FIG. 8

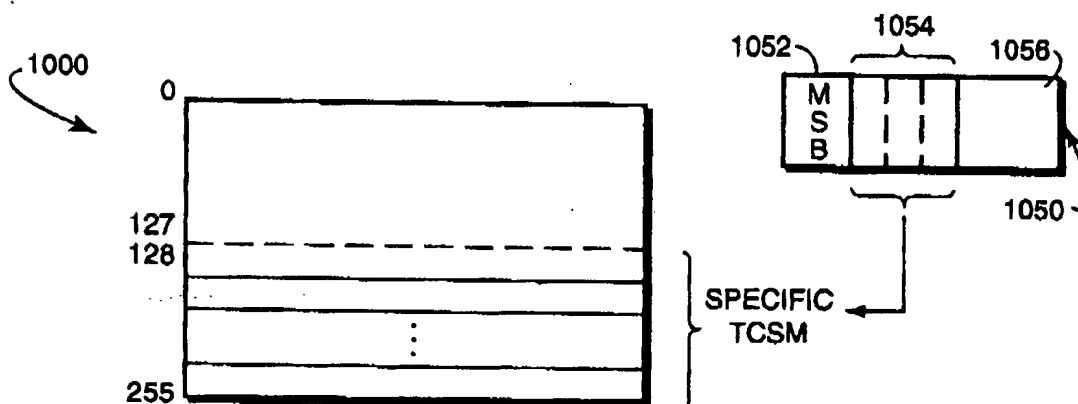


FIG. 10

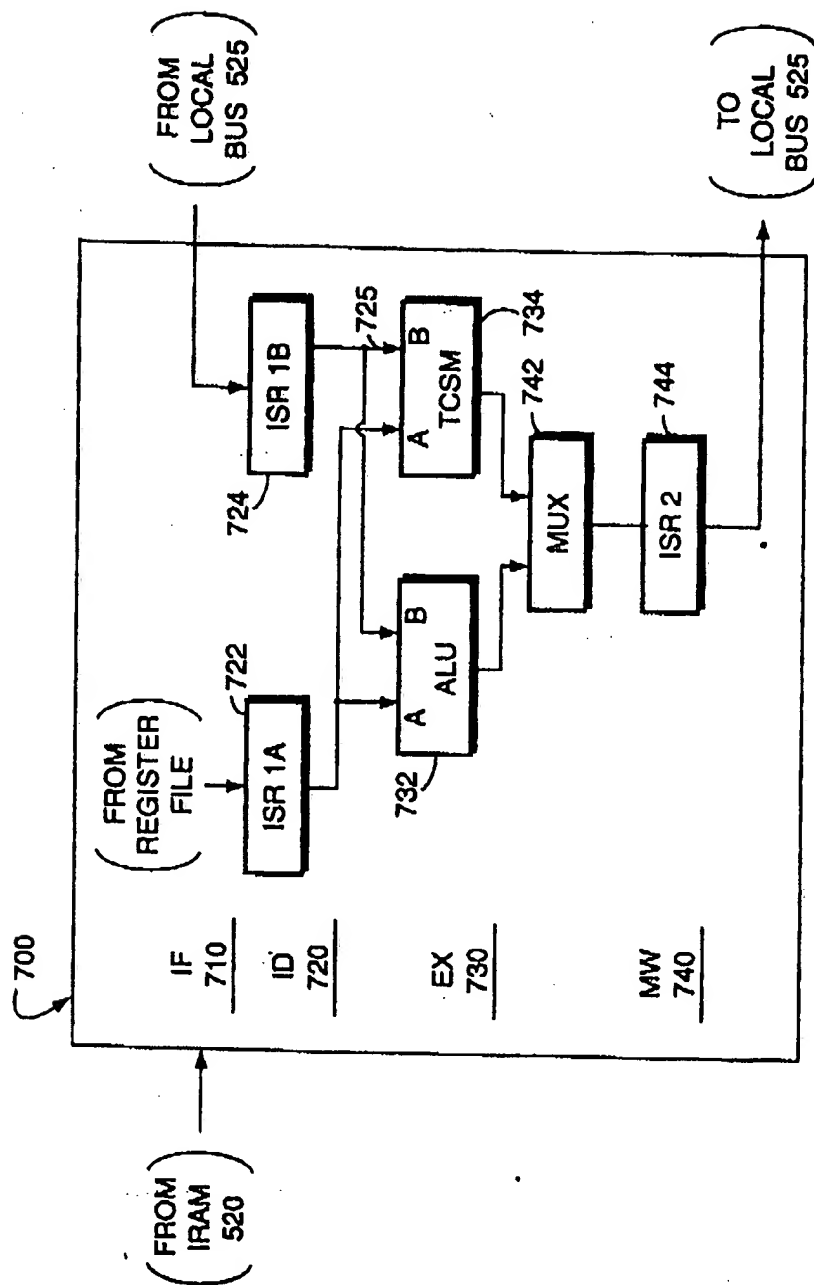


FIG. 7



INITIALIZE:

910 - XDES ENCRYPT

LOAD INITIAL KEY:

920 - MOR $r\emptyset, r\emptyset, \text{KEY}(r\emptyset)$
 922

INIT KEY
924

LOAD PLAINTEXT AND START DES:

930 ~ MOR rØ, rØ, PLAIN(rØ)
(SINGLE DES FUNCTION)

DES

LOAD CIPHERTEXT:

910 ~ SPR, IAR, DES-RESULT

WRITE CIPHERTEXT:

950 ~ MOR CIPHER(rØ), rØ, rØ

TR

960 ~ MOR (rl), rØ, PLAINI(rØ)

DES

+

1. The first part of the report is a general statement of the purpose of the study.